

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	16676	(Cooper.in.)OR(Brain.in.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/22 18:00
L2	246	L1 AND disabled	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/22 18:00
L3	1	L1 AND mDab	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/22 18:02
L4	85	mDab	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/22 18:24
L5	8	L4 AND neuron\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/22 18:03

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NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
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```
=> E (murine disabled protein)
E1      1      (MOO3)4/BI
E2      1      (MOSE)3/BI
E3      0 --> (MURINE DISABLED PROTEIN)/BI
E4      1      (N2)10/BI
E5      2      (N2)11/BI
E6      1      (N2)12/BI
E7      2      (N2)2/BI
E8      1      (N2)3/BI
E9      1      (N2)4/BI
E10     1      (N2)5/BI
E11     1      (N2)6/BI
E12     1      (N2)7/BI
```

```
=> E mDab
E1      2      MDA8/BI
E2      13     MDAA/BI
E3      41 --> MDAB/BI
E4      8      MDAB1/BI
E5      1      MDAB2/BI
E6      2      MDAB217/BI
E7      4      MDAB271/BI
E8      1      MDAB3/BI
E9      2      MDAB555/BI
E10     2      MDABG2/BI
E11     1      MDABMI/BI
E12     1      MDAC/BI
```

```
=> s E3
L1      41 MDAB/BI
```

```
=> File HCAPLUS
COST IN U.S. DOLLARS

FULL ESTIMATED COST
```

SINCE FILE	TOTAL
ENTRY	SESSION
6.52	6.73

FILE 'HCAPLUS' ENTERED AT 18:34:11 ON 22 JUL 2006  
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FILE LAST UPDATED: 21 Jul 2006 (20060721/ED)

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=> S L1  
L2 1022 L1

=> d 1-5 ti,so,ibib,abs L2

L2 ANSWER 1 OF 1022 HCAPLUS COPYRIGHT 2006 ACS on STN  
TI Complete genome sequence of the entomopathogenic and metabolically versatile soil bacterium *Pseudomonas entomophila*  
SO Nature Biotechnology (2006), 24(6), 673-679  
CODEN: NABIF9; ISSN: 1087-0156  
ACCESSION NUMBER: 2006:543997 HCAPLUS  
DOCUMENT NUMBER: 145:1987  
TITLE: Complete genome sequence of the entomopathogenic and metabolically versatile soil bacterium *Pseudomonas entomophila*  
AUTHOR(S): Vodovar, Nicolas; Vallenet, David; Cruveiller, Stephane; Rouy, Zoe; Barbe, Valerie; Acosta, Carlos; Cattolico, Laurence; Jubin, Claire; Lajus, Aurelie; Segurens, Beatrice; Vacherie, Benoit; Wincker, Patrick; Weissenbach, Jean; Lemaitre, Bruno; Medigue, Claudine; Boccard, Frederic  
CORPORATE SOURCE: Centre de Genetique Moleculaire, Centre National de la Recherche Scientifique, Gif-sur-Yvette, 91198, Fr.  
SOURCE: Nature Biotechnology (2006), 24(6), 673-679  
CODEN: NABIF9; ISSN: 1087-0156  
PUBLISHER: Nature Publishing Group  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
AB *Pseudomonas entomophila* is an entomopathogenic bacterium that, upon ingestion, kills *Drosophila melanogaster* as well as insects from different orders. The complete sequence of the 5.9-Mb genome was determined and compared to the sequenced genomes of four *Pseudomonas* species. *P. entomophila* possesses most of the catabolic genes of the closely related strain *P. putida* KT2440, revealing its metabolically versatile properties and its soil lifestyle. Several features that probably contribute to its entomopathogenic properties were disclosed. Unexpectedly for an animal pathogen, *P. entomophila* is devoid of a type III secretion system and associated toxins but rather relies on a number of potential virulence factors such as insecticidal toxins, proteases, putative hemolysins, hydrogen cyanide, and novel secondary metabolites to infect and kill insects. Genome-wide random mutagenesis revealed the major role of the two-component system GacS/GacA that regulates most of the potential

virulence factors identified. The genome sequence is deposited in  
GenBank/EMBL/DDBJ under accession number CT573326.

REFERENCE COUNT: 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 2 OF 1022 HCAPLUS COPYRIGHT 2006 ACS on STN

TI Identification of genes subject to positive selection in uropathogenic  
strains of *Escherichia coli*: A comparative genomics approach

SO Proceedings of the National Academy of Sciences of the United States of  
America (2006), 103(15), 5977-5982

CODEN: PNASA6; ISSN: 0027-8424

ACCESSION NUMBER: 2006:412173 HCAPLUS

DOCUMENT NUMBER: 145:40970

TITLE: Identification of genes subject to positive selection  
in uropathogenic strains of *Escherichia coli*: A  
comparative genomics approach

AUTHOR(S): Chen, Swaine L.; Hung, Chia-Seui; Xu, Jian; Reigstad,  
Christopher S.; Magrini, Vincent; Sabo, Aniko;  
Blasiar, Darin; Bieri, Tamberlyn; Meyer, Rekha R.;  
Ozersky, Philip; Armstrong, Jon R.; Fulton, Robert S.;  
Latreille, J. Phillip; Spieth, John; Hooton, Thomas  
M.; Mardis, Elaine R.; Hultgren, Scott J.; Gordon,  
Jeffrey I.

CORPORATE SOURCE: Center for Genome Sciences, Washington University  
School of Medicine, St. Louis, MO, 63110, USA

SOURCE: Proceedings of the National Academy of Sciences of the  
United States of America (2006), 103(15), 5977-5982  
CODEN: PNASA6; ISSN: 0027-8424

PUBLISHER: National Academy of Sciences

DOCUMENT TYPE: Journal

LANGUAGE: English

AB *Escherichia coli* is a model laboratory bacterium, a species that is widely  
distributed in the environment, as well as a mutualist and pathogen in its  
human hosts. As such, *E. coli* represents an attractive organism to study  
how environment impacts microbial genome structure and function.  
Uropathogenic *E. coli* (UPEC) must adapt to life in several microbial  
communities in the human body, and has a complex life cycle in the bladder  
when it causes acute or recurrent urinary tract infection (UTI). Several  
studies designed to identify virulence factors have focused on genes that  
are uniquely represented in UPEC strains, whereas the role of genes that  
are common to all *E. coli* has received much less attention. This report  
describes the complete 5,065,741-bp genome sequence of a UPEC strain  
recovered from a patient with an acute bladder infection and compares it  
with 6 other finished *E. coli* genome sequences. About 3470 ortholog sets  
were searched for genes that are under pos. selection only in UPEC  
strains. Maximum likelihood-based anal. yielded 29 genes involved in various  
aspects of cell surface structure, DNA metabolism, nutrient acquisition, and  
UTI. These results were validated by resequencing a subset of the 29  
genes in a panel of 50 urinary, periurethral, and rectal *E. coli* isolates  
from patients with UTI. These studies outline a computational approach  
that may be broadly applicable for studying strain-specific adaptation and  
pathogenesis in other bacteria. The complete genome sequence is deposited  
in GenBank/EMBL/DDBJ under accession nos. CP000243 (UT189 chromosome) and  
CP000244 (plasmid pUT189), and alleles of *amiA*, *fepE*, *ampC*, *adk*, *icd*, and  
*mdh* with accession nos. DQ389000-DQ389068 and DQ440980-DQ441250.

REFERENCE COUNT: 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 3 OF 1022 HCAPLUS COPYRIGHT 2006 ACS on STN

TI Genome dynamics and diversity of *Shigella* species, the etiologic agents of  
bacillary dysentery

SO Nucleic Acids Research (2005), 33(19), 6445-6458

CODEN: NARHAD; ISSN: 0305-1048

ACCESSION NUMBER: 2005:1320262 HCAPLUS  
 DOCUMENT NUMBER: 144:32715  
 TITLE: Genome dynamics and diversity of *Shigella* species, the etiologic agents of bacillary dysentery  
 AUTHOR(S): Yang, Fan; Yang, Jian; Zhang, Xiaobing; Chen, Lihong; Jiang, Yan; Yan, Yongliang; Tang, Xudong; Wang, Jing; Xiong, Zhaohui; Dong, Jie; Xue, Ying; Zhu, Yafang; Xu, Xingye; Sun, Lilian; Chen, Shuxia; Nie, Huan; Peng, Junping; Xu, Jianguo; Wang, Yu; Yuan, Zhenghong; Wen, Yumei; Yao, Zhijian; Shen, Yan; Qiang, Boqin; Hou, Yunde; Yu, Jun; Jin, Qi  
 CORPORATE SOURCE: State Key Laboratory for Molecular Virology and Genetic Engineering, Chinese Ministry of Public Health, Beijing, 100052, Peop. Rep. China  
 SOURCE: Nucleic Acids Research (2005), 33(19), 6445-6458  
 CODEN: NARHAD; ISSN: 0305-1048  
 PUBLISHER: Oxford University Press  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

AB The *Shigella* bacteria cause bacillary dysentery, which remains a significant threat to public health. The genus status and species classification appear no longer valid, as compelling evidence indicates that *Shigella*, as well as enteroinvasive *Escherichia coli*, are derived from multiple origins of *E. coli* and form a single pathovar. Nevertheless, *Shigella dysenteriae* serotype 1 causes deadly epidemics but *Shigella boydii* is restricted to the Indian subcontinent, while *Shigella flexneri* and *Shigella sonnei* are prevalent in developing and developed countries resp. To begin to explain these distinctive epidemiol. and pathol. features at the genome level, comparative genomics were carried out on 4 representative strains. Each of the *Shigella* genomes includes a virulence plasmid that encodes conserved primary virulence determinants. The *Shigella* chromosomes share most of their genes with that of *E. coli* K12 strain MG1655, but each has over 200 pseudogenes, 300.apprx.700 copies of insertion sequence (IS) elements, and numerous deletions, insertions, translocations, and inversions. There is extensive diversity of putative virulence genes, mostly acquired via bacteriophage-mediated lateral gene transfer. Hence, via convergent evolution involving gain and loss of functions, through bacteriophage-mediated gene acquisition, IS-mediated DNA rearrangements, and formation of pseudogenes, the *Shigella* spp. became highly specific human pathogens with variable epidemiol. and pathol. features. The genome sequences are deposited in GenBank/EMBL/DBJ under accession nos. CP000034-CP000035 (*S. dysenteriae* Sd197 and plasmid pSD1-197), CP000036-CP000037 (*S. boydii* Sb227 and plasmid pSB4-227), and CP000038-CP000039 (*S. sonnei* Ss046 and plasmid pSS\_046). [This abstract record is one of three records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.].

L2 ANSWER 4 OF 1022 HCAPLUS COPYRIGHT 2006 ACS on STN

TI Genome dynamics and diversity of *Shigella* species, the etiologic agents of bacillary dysentery

SO Nucleic Acids Research (2005), 33(19), 6445-6458  
 CODEN: NARHAD; ISSN: 0305-1048

ACCESSION NUMBER: 2005:1320261 HCAPLUS  
 DOCUMENT NUMBER: 144:32714

TITLE: Genome dynamics and diversity of *Shigella* species, the etiologic agents of bacillary dysentery

AUTHOR(S): Yang, Fan; Yang, Jian; Zhang, Xiaobing; Chen, Lihong; Jiang, Yan; Yan, Yongliang; Tang, Xudong; Wang, Jing; Xiong, Zhaohui; Dong, Jie; Xue, Ying; Zhu, Yafang; Xu, Xingye; Sun, Lilian; Chen, Shuxia; Nie, Huan; Peng, Junping; Xu, Jianguo; Wang, Yu; Yuan, Zhenghong; Wen, Yumei; Yao, Zhijian; Shen, Yan; Qiang, Boqin; Hou,

CORPORATE SOURCE: Yunde; Yu, Jun; Jin, Qi  
State Key Laboratory for Molecular Virology and  
Genetic Engineering, Chinese Ministry of Public  
Health, Beijing, 100052, Peop. Rep. China  
SOURCE: Nucleic Acids Research (2005), 33(19), 6445-6458  
CODEN: NARHAD; ISSN: 0305-1048  
PUBLISHER: Oxford University Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English

AB The *Shigella* bacteria cause bacillary dysentery, which remains a significant threat to public health. The genus status and species classification appear no longer valid, as compelling evidence indicates that *Shigella*, as well as enteroinvasive *Escherichia coli*, are derived from multiple origins of *E. coli* and form a single pathovar. Nevertheless, *Shigella dysenteriae* serotype 1 causes deadly epidemics but *Shigella boydii* is restricted to the Indian subcontinent, while *Shigella flexneri* and *Shigella sonnei* are prevalent in developing and developed countries resp. To begin to explain these distinctive epidemiol. and pathol. features at the genome level, comparative genomics were carried out on 4 representative strains. Each of the *Shigella* genomes includes a virulence plasmid that encodes conserved primary virulence determinants. The *Shigella* chromosomes share most of their genes with that of *E. coli* K12 strain MG1655, but each has over 200 pseudogenes, 300.apprx.700 copies of insertion sequence (IS) elements, and numerous deletions, insertions, translocations, and inversions. There is extensive diversity of putative virulence genes, mostly acquired via bacteriophage-mediated lateral gene transfer. Hence, via convergent evolution involving gain and loss of functions, through bacteriophage-mediated gene acquisition, IS-mediated DNA rearrangements, and formation of pseudogenes, the *Shigella* spp. became highly specific human pathogens with variable epidemiol. and pathol. features. The genome sequences are deposited in GenBank/EMBL/DBJ under accession nos. CP000034-CP000035 (*S. dysenteriae* Sd197 and plasmid pSD1-197), CP000036-CP000037 (*S. boydii* Sb227 and plasmid pSB4-227), and CP000038-CP000039 (*S. sonnei* Ss046 and plasmid pSS\_046). [This abstract record is one of three records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.].

L2 ANSWER 5 OF 1022 HCAPLUS COPYRIGHT 2006 ACS on STN

TI Species-specific effects of the hepatocarcinogens 3'-methyl-4-dimethyl-aminoazobenzene and ortho-aminoazotoluene in mouse and rat liver

SO Molecular Carcinogenesis (2005), 44(4), 223-232  
CODEN: MOCAE8; ISSN: 0899-1987

ACCESSION NUMBER: 2005:1315052 HCAPLUS  
DOCUMENT NUMBER: 144:65367

TITLE: Species-specific effects of the hepatocarcinogens  
3'-methyl-4-dimethyl-aminoazobenzene and  
ortho-aminoazotoluene in mouse and rat liver

AUTHOR(S): Merkulova, Tatyana I.; Kropachev, Konstantin Y.;  
Timofeeva, Olga A.; Vasiliev, Gennady V.; Levashova,  
Zoia B.; Ilnitskaya, Svetlana I.; Kobzev, Victor F.;  
Pakharukova, Maria Yu; Bryzgalov, Leonid O.; Kaledin,  
Vasily I.

CORPORATE SOURCE: Laboratory of Gene Expression Control, Institute of  
Cytology and Genetics of the Siberian Division of  
Russian Academy of Sciences, Novosibirsk, Russia  
SOURCE: Molecular Carcinogenesis (2005), 44(4), 223-232  
CODEN: MOCAE8; ISSN: 0899-1987

PUBLISHER: Wiley-Liss, Inc.  
DOCUMENT TYPE: Journal  
LANGUAGE: English

AB The effects of rat-specific hepatocarcinogen 3'-methyl-4-dimethylaminoazobenzene (3'-MeDAB), mouse-specific hepatocarcinogen

ortho-aminoazotoluene (OAT), non-species-specific hepatocarcinogen diethylnitrosamine (DENA), and non-carcinogenic 4'-methyl-4-dimethylaminoazobenzene (4'-MeDAB) on glucocorticoid induction of tyrosine aminotransferase (TAT) and DNA-binding activity of hepatocyte nuclear factor 3 (HNF3) family of transcription factors were investigated with carcinogen-susceptible and -resistant animals. Species-specific hepatocarcinogens 3'-MeDAB and OAT strongly inhibited glucocorticoid induction of TAT in the liver of susceptible but not resistant animals. DENA, which is highly carcinogenic for the liver of both rats and mice inhibited glucocorticoid induction of TAT in both species, while non-carcinogenic 4'-MeDAB was absolutely ineffective both in rats and mice. The inhibition of TAT activity by the carcinogens was due to reduced levels of TAT mRNA, which is most likely to be a result of the reduced rate of transcription initiation of the TAT gene. In all cases, the TAT inhibition was accompanied by significant reduction of DNA-binding activity of the HNF3 transcription factor, which is known to be critical to glucocorticoid regulation of TAT gene. We also demonstrated that the described species-specific effects of OAT and of 3'-MeDAB on HNF3 DNA-binding activity may be initiated not only by administration in vivo, but also by their direct administration to homogenate, intact nuclei or nuclear lysate, but not to nuclear extract fraction, obtained by precipitation

with

0.32 g/mL of ammonium sulfate (Fraction I). We showed, that a factor responsible for this effect might be precipitated in 0.32-0.47g/mL interval of ammonium sulfate concentration. In contrast, non-specific hepatocarcinogen DENA was effective upon being added directly to Fraction I, implying a different mechanism of its action.

REFERENCE COUNT: 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s L2 AND neuronal  
102151 NEURONAL  
2 NEURONALS  
102152 NEURONAL  
(NEURONAL OR NEURONALS)  
L3 0 L2 AND NEURONAL

=> s L2 AND neural  
69587 NEURAL  
4 NEURALS  
69589 NEURAL  
(NEURAL OR NEURALS)  
L4 3 L2 AND NEURAL

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 IBIB ----- BIB, indented with text labels  
 IMAX ----- MAX, indented with text labels  
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 ENTER DISPLAY FORMAT (BIB):ibib

L4 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2005:1108490 HCAPLUS  
 DOCUMENT NUMBER: 143:381068  
 TITLE: Mutagenicity of aromatic and heteroaromatic amines and related compounds: A QSAR investigation  
 AUTHOR(S): Bhat, Krishna L.; Hayik, Seth; Sztandera, Les; Bock, Charles W.  
 CORPORATE SOURCE: Department of Chemistry & Biochemistry, School of Science and Health, Philadelphia University, Philadelphia, PA, 19144, USA  
 SOURCE: QSAR & Combinatorial Science (2005), 24(7), 831-843  
           CODEN: QCSSAU; ISSN: 1611-020X  
 PUBLISHER: Wiley-VCH Verlag GmbH & Co. KGaA  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 97 THERE ARE 97 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:686663 HCAPLUS  
 DOCUMENT NUMBER: 140:248535  
 TITLE: Mutagenicity of aminoazo dyes and their  
 reductive-cleavage metabolites: a QSAR/QPAR  
 investigation  
 AUTHOR(S): Sztandera, Les; Garg, Ashish; Hayik, Seth; Bhat,  
 Krishna L.; Bock, Charles W.  
 CORPORATE SOURCE: School of Science and Health and Department of  
 Computer Science and Information Systems, Department  
 of Chemistry & Biochemistry, Philadelphia University,  
 Philadelphia, PA, 19144, USA  
 SOURCE: Dyes and Pigments (2003), 59(2), 117-133  
 CODEN: DYPIDX; ISSN: 0143-7208  
 PUBLISHER: Elsevier Science Ltd.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 81 THERE ARE 81 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:701517 HCAPLUS  
 DOCUMENT NUMBER: 138:102245  
 TITLE: Mutagenicity of aminoazobenzene dyes and related  
 structures: a QSAR/QPAR investigation  
 AUTHOR(S): Garg, Ashish; Bhat, Krishna L.; Bock, Charles W.  
 CORPORATE SOURCE: School of Science and Health and School of Textiles  
 and Materials Technology, Department of Chemistry and  
 Biochemistry, Philadelphia University, Philadelphia,  
 PA, 19144, USA  
 SOURCE: Dyes and Pigments (2002), 55(1), 35-52  
 CODEN: DYPIDX; ISSN: 0143-7208  
 PUBLISHER: Elsevier Science Ltd.  
 DOCUMENT TYPE: Journal; General Review  
 LANGUAGE: English  
 REFERENCE COUNT: 70 THERE ARE 70 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s (disabled protein)  
 1252 DISABLED  
 1892752 PROTEIN  
 1321214 PROTEINS  
 2203048 PROTEIN  
 (PROTEIN OR PROTEINS)  
 L5 18 (DISABLED PROTEIN)  
 (DISABLED(W) PROTEIN)

=> d 1-5 ti, so, ibib L5

L5 ANSWER 1 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN

TI Gao/i and Gas Signaling Function in Parallel with the MSP/Eph  
 Receptor to Control Meiotic Diapause in C. elegans  
 SO Current Biology (2006), 16(13), 1257-1268  
 CODEN: CUBLE2; ISSN: 0960-9822  
 ACCESSION NUMBER: 2006:650656 HCAPLUS  
 TITLE: Gao/i and Gas Signaling Function in  
 Parallel with the MSP/Eph Receptor to Control Meiotic  
 Diapause in C. elegans  
 AUTHOR(S): Govindan, J. Amaranath; Cheng, Hua; Harris, Jana E.;  
 Greenstein, David

CORPORATE SOURCE: Department of Cell and Developmental Biology,  
Vanderbilt University School of Medicine, 465 21  
Avenue South, Nashville, 37232  
SOURCE: Current Biology (2006), 16(13), 1257-1268  
CODEN: CUBLE2; ISSN: 0960-9822  
PUBLISHER: Cell Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L5 ANSWER 2 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN  
TI Inducers and co-inducers of molecular chaperones  
SO International Journal of Hyperthermia (2005), 21(8), 703-711  
CODEN: IJHYEQ; ISSN: 0265-6736  
ACCESSION NUMBER: 2005:1302493 HCAPLUS  
DOCUMENT NUMBER: 145:41594  
TITLE: Inducers and co-inducers of molecular chaperones  
AUTHOR(S): Ohtsuka, K.; Kawashima, D.; Gu, Y.; Saito, K.  
CORPORATE SOURCE: Laboratory of Cell and Stress Biology, Department of  
Environmental Biology, Chubu University, Kasugai,  
Aichi, Japan  
SOURCE: International Journal of Hyperthermia (2005), 21(8),  
703-711  
CODEN: IJHYEQ; ISSN: 0265-6736  
PUBLISHER: Taylor & Francis Ltd.  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: English  
REFERENCE COUNT: 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 3 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN  
TI Role of spatiotemporal expression of iodothyronine deiodinase proteins in  
cerebellar cell organization  
SO Brain Research Bulletin (2005), 67(3), 196-202  
CODEN: BRBUDU; ISSN: 0361-9230  
ACCESSION NUMBER: 2005:993386 HCAPLUS  
DOCUMENT NUMBER: 143:456350  
TITLE: Role of spatiotemporal expression of iodothyronine  
deiodinase proteins in cerebellar cell organization  
AUTHOR(S): Verhoelst, C. H. J.; Roelens, S. A.; Darras, V. M.  
CORPORATE SOURCE: Laboratory of Comparative Endocrinology, Zoological  
Institute, K.U. Leuven, Louvain, B-3000, Belg.  
SOURCE: Brain Research Bulletin (2005), 67(3), 196-202  
CODEN: BRBUDU; ISSN: 0361-9230  
PUBLISHER: Elsevier Inc.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN  
TI Lipoprotein receptors and a disabled family cytoplasmic adaptor protein  
regulate EGL-17/FGF export in C. elegans  
SO Genes & Development (2003), 17(22), 2798-2811  
CODEN: GEDEEP; ISSN: 0890-9369  
ACCESSION NUMBER: 2003:949554 HCAPLUS  
DOCUMENT NUMBER: 140:107088  
TITLE: Lipoprotein receptors and a disabled family  
cytoplasmic adaptor protein regulate EGL-17/FGF export  
in C. elegans  
AUTHOR(S): Kamikura, Darren M.; Cooper, Jonathan A.  
CORPORATE SOURCE: Fred Hutchinson Cancer Research Center, Seattle, WA,  
98109, USA  
SOURCE: Genes & Development (2003), 17(22), 2798-2811

PUBLISHER: Cold Spring Harbor Laboratory Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 61 THERE ARE 61 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN  
TI Elucidation of Smad requirement in transforming growth factor- $\beta$  type I receptor-induced responses  
SO Journal of Biological Chemistry (2003), 278(6), 3751-3761  
CODEN: JBCHA3; ISSN: 0021-9258  
ACCESSION NUMBER: 2003:82712 HCAPLUS  
DOCUMENT NUMBER: 138:348823  
TITLE: Elucidation of Smad requirement in transforming growth factor- $\beta$  type I receptor-induced responses  
AUTHOR(S): Itoh, Susumu; Thorikay, Midory; Kowanetz, Marcin; Moustakas, Aristidis; Itoh, Fumiko; Heldin, Carl-Henrik; ten Dijke, Peter  
CORPORATE SOURCE: Division of Cellular Biochemistry, The Netherlands Cancer Institute, Amsterdam, 1066 CX, Neth.  
SOURCE: Journal of Biological Chemistry (2003), 278(6), 3751-3761  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 77 THERE ARE 77 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 6-18 ti, so, ibib L5

L5 ANSWER 6 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN  
TI Immunoassay to determine Cyclin dependent kinase 5 activity by detection of disabled 1 protein phosphorylation  
SO U.S. Pat. Appl. Publ., 14 pp.  
CODEN: USXXCO  
ACCESSION NUMBER: 2002:889453 HCAPLUS  
DOCUMENT NUMBER: 137:381948  
TITLE: Immunoassay to determine Cyclin dependent kinase 5 activity by detection of disabled 1 protein phosphorylation  
INVENTOR(S): Curran, Thomas; Keshvara, Lakhu  
PATENT ASSIGNEE(S): USA  
SOURCE: U.S. Pat. Appl. Publ., 14 pp.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002172990	A1	20021121	US 2002-78927	20020219
WO 2003070879	A2	20030828	WO 2003-US1463	20030116
WO 2003070879	A3	20060302		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ,

UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,  
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,  
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF,  
 BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
 AU 2003205198 A1 20030909 AU 2003-205198 20030116  
 PRIORITY APPLN. INFO.: US 2002-78927 A 20020219  
 WO 2003-US1463 W 20030116

L5 ANSWER 7 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN  
 TI Disabled-2 is Essential for Endodermal Cell Positioning and Structure  
 Formation during Mouse Embryogenesis  
 SO Developmental Biology (Orlando, FL, United States) (2002) 251(1), 27-44  
 CODEN: DEBIAO; ISSN: 0012-1606  
 ACCESSION NUMBER: 2002:815334 HCAPLUS  
 DOCUMENT NUMBER: 138:268867  
 TITLE: Disabled-2 is Essential for Endodermal Cell  
 Positioning and Structure Formation during Mouse  
 Embryogenesis  
 AUTHOR(S): Yang, Dong-Hua; Smith, Elizabeth R.; Roland, Isabelle  
 H.; Sheng, Zejuan; He, Junqi; Martin, W. David;  
 CORPORATE SOURCE: Hamilton, Thomas C.; Lambeth, J. David; Xu, Xiang-Xi  
 Ovarian Cancer and Tumor Cell Biology Programs, Fox  
 Chase Cancer Center, Philadelphia, PA, 19111, USA  
 SOURCE: Developmental Biology (Orlando, FL, United States)  
 (2002), 251(1), 27-44  
 CODEN: DEBIAO; ISSN: 0012-1606  
 PUBLISHER: Elsevier Science  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 61 THERE ARE 61 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 8 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN  
 TI Amelioration of motor neuron disease model with molecular chaperones -  
 with special reference to spinal and bulbar muscular atrophy  
 SO International Congress Series (2001), 1221(Molecular Mechanism and  
 Therapeutics of Amyotrophic Lateral Sclerosis), 307-316  
 CODEN: EXMDA4; ISSN: 0531-5131  
 ACCESSION NUMBER: 2001:600225 HCAPLUS  
 DOCUMENT NUMBER: 136:181808  
 TITLE: Amelioration of motor neuron disease model with  
 molecular chaperones - with special reference to  
 spinal and bulbar muscular atrophy  
 AUTHOR(S): Kobayashi, Yasushi; Takeuchi, Hideyuki; Li, Mei; Doyu,  
 Manabu; Ohtsuka, Kenzo; Sobue, Gen  
 CORPORATE SOURCE: Department of Neurology, Nagoya University School of  
 Medicine, Nagoya, 466-8550, Japan  
 SOURCE: International Congress Series (2001), 1221(Molecular  
 Mechanism and Therapeutics of Amyotrophic Lateral  
 Sclerosis), 307-316  
 CODEN: EXMDA4; ISSN: 0531-5131  
 PUBLISHER: Elsevier Science B.V.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 9 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN  
 TI Induction of Disabled-2 Gene during Megakaryocyte Differentiation of K562  
 Cells  
 SO Biochemical and Biophysical Research Communications (2001), 285(1),  
 129-135

CODEN: BBRCA9; ISSN: 0006-291X  
ACCESSION NUMBER: 2001:487686 HCAPLUS  
DOCUMENT NUMBER: 135:239723  
TITLE: Induction of Disabled-2 Gene during Megakaryocyte  
Differentiation of K562 Cells  
AUTHOR(S): Tseng, Ching-Ping; Huang, Ching-Hui; Tseng,  
Ching-Chung; Lin, Mei-Hui; Hsieh, Jer-Tsong; Tseng,  
Chin-Hsiao  
CORPORATE SOURCE: School of Medical Technology, Chang Gung University,  
Tao-Yuan, Taiwan  
SOURCE: Biochemical and Biophysical Research Communications  
(2001), 285(1), 129-135  
CODEN: BBRCA9; ISSN: 0006-291X  
PUBLISHER: Academic Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 10 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN  
TI p67 isoform of mouse disabled 2 protein acts as a transcriptional  
activator during the differentiation of F9 cells  
SO Biochemical Journal (2000), 352(3), 645-650  
CODEN: BIJOAK; ISSN: 0264-6021  
ACCESSION NUMBER: 2001:48056 HCAPLUS  
DOCUMENT NUMBER: 134:250089  
TITLE: p67 isoform of mouse disabled 2 protein acts as a  
transcriptional activator during the differentiation  
of F9 cells  
AUTHOR(S): Cho, Si Young; Jeon, Jae Won; Lee, Sang Ho; Park, Sung  
Soo  
CORPORATE SOURCE: Graduate School of Biotechnology, Korea University,  
Seoul, 136-701, S. Korea  
SOURCE: Biochemical Journal (2000), 352(3), 645-650  
CODEN: BIJOAK; ISSN: 0264-6021  
PUBLISHER: Portland Press Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 11 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN  
TI Cytosolic adaptor protein Dab2 is an intracellular ligand of endocytic  
receptor gp600/megalin  
SO Biochemical Journal (2000), 347(3), 613-621  
CODEN: BIJOAK; ISSN: 0264-6021  
ACCESSION NUMBER: 2000:353988 HCAPLUS  
DOCUMENT NUMBER: 133:87120  
TITLE: Cytosolic adaptor protein Dab2 is an intracellular  
ligand of endocytic receptor gp600/megalin  
AUTHOR(S): Oleinikov, Andrew V.; Zhao, Jun; Makker, Sudesh P.  
CORPORATE SOURCE: Department of Pediatrics, Division of Nephrology,  
School of Medicine, University of California, Davis,  
CA, 95616, USA  
SOURCE: Biochemical Journal (2000), 347(3), 613-621  
CODEN: BIJOAK; ISSN: 0264-6021  
PUBLISHER: Portland Press Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 50 THERE ARE 50 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 12 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN

TI Chaperones Hsp70 and Hsp40 suppress aggregate formation and apoptosis in cultured neuronal cells expressing truncated androgen receptor protein with expanded polyglutamine tract

SO Journal of Biological Chemistry (2000), 275(12), 8772-8778  
CODEN: JBCHA3; ISSN: 0021-9258

ACCESSION NUMBER: 2000:223523 HCAPLUS

DOCUMENT NUMBER: 133:3319

TITLE: Chaperones Hsp70 and Hsp40 suppress aggregate formation and apoptosis in cultured neuronal cells expressing truncated androgen receptor protein with expanded polyglutamine tract

AUTHOR(S): Kobayashi, Yasushi; Kume, Akito; Li, Mei; Doyu, Manabu; Hata, Mami; Ohtsuka, Kenzo; Sobue, Gen

CORPORATE SOURCE: Department of Neurology, Nagoya University School of Medicine, Nagoya, 466-8550, Japan

SOURCE: Journal of Biological Chemistry (2000), 275(12), 8772-8778  
CODEN: JBCHA3; ISSN: 0021-9258

PUBLISHER: American Society for Biochemistry and Molecular Biology

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 60 THERE ARE 60 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 13 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN

TI Cloning and cDNA sequences of murine homologs of Drosophila Disabled protein and their diagnostic and therapeutic uses

SO PCT Int. Appl., 83 pp.  
CODEN: PIXXD2

ACCESSION NUMBER: 1999:139948 HCAPLUS

DOCUMENT NUMBER: 130:205945

TITLE: Cloning and cDNA sequences of murine homologs of Drosophila Disabled protein and their diagnostic and therapeutic uses

INVENTOR(S): Cooper, Jonathan A.; Howell, Brian W.

PATENT ASSIGNEE(S): Fred Hutchinson Cancer Research Center, USA

SOURCE: PCT Int. Appl., 83 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9909153	A1	19990225	WO 1998-US17384	19980821
W: AU, CA, JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9892016	A1	19990308	AU 1998-92016	19980821
PRIORITY APPLN. INFO.:			US 1997-56473P	P 19970821
			WO 1998-US17384	W 19980821
REFERENCE COUNT:	3	THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L5 ANSWER 14 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN

TI Interaction of cytosolic adaptor proteins with neuronal apolipoprotein E receptors and the amyloid precursor protein

SO Journal of Biological Chemistry (1998), 273(50), 33556-33560  
CODEN: JBCHA3; ISSN: 0021-9258

ACCESSION NUMBER: 1999:78 HCAPLUS

*The application*

DOCUMENT NUMBER: 130:180531  
TITLE: Interaction of cytosolic adaptor proteins with neuronal apolipoprotein E receptors and the amyloid precursor protein  
AUTHOR(S): Trommsdorff, Marion; Borg, Jean-Paul; Margolis, Benjamin; Herz, Joachim  
CORPORATE SOURCE: Department of Molecular Genetics, University of Texas Southwestern Medical Center, Dallas, TX, 75235-9046, USA  
SOURCE: Journal of Biological Chemistry (1998), 273(50), 33556-33560  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 15 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN  
TI Disabled is a putative adaptor protein that functions during signaling by the sevenless receptor tyrosine kinase  
SO Molecular and Cellular Biology (1998), 18(8), 4844-4854  
CODEN: MCEBD4; ISSN: 0270-7306  
ACCESSION NUMBER: 1998:482872 HCAPLUS  
DOCUMENT NUMBER: 129:200805  
TITLE: Disabled is a putative adaptor protein that functions during signaling by the sevenless receptor tyrosine kinase  
AUTHOR(S): Le, Ngocdiep; Simon, Michael A.  
CORPORATE SOURCE: Department of Biological Sciences, Stanford University, Stanford, CA, 94305-5020, USA  
SOURCE: Molecular and Cellular Biology (1998), 18(8), 4844-4854  
CODEN: MCEBD4; ISSN: 0270-7306  
PUBLISHER: American Society for Microbiology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 65 THERE ARE 65 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 16 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN  
TI Protein Disabled (Dab)  
SO Saibonai Shigunaru Dentatsu (1995), 130-131. Editor(s): Yamamoto, Tadashi. Publisher: Yodosha, Tokyo, Japan.  
CODEN: 64LXAO  
ACCESSION NUMBER: 1997:367327 HCAPLUS  
DOCUMENT NUMBER: 127:2088  
TITLE: Protein Disabled (Dab)  
AUTHOR(S): Okobe, Masataka; Okano, Eisuke  
CORPORATE SOURCE: First Dep. Microbiol., Tokyo Jikei Univ. Sch. Med., Japan  
SOURCE: Saibonai Shigunaru Dentatsu (1995), 130-131. Editor(s): Yamamoto, Tadashi. Yodosha: Tokyo, Japan.  
CODEN: 64LXAO  
DOCUMENT TYPE: Conference; General Review  
LANGUAGE: Japanese

L5 ANSWER 17 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN  
TI Dosage-sensitive modifiers of Drosophila abl tyrosine kinase function: prospero, a regulator of axonal outgrowth, and disabled, a novel tyrosine kinase substrate. [Erratum to document cited in CAl18:230567]  
SO Genes & Development (1996), 10(17), 2234

*Not prior  
out, look to  
see if in Dab!  
intracellular  
w/ the TK.*

*dab1 is  
a Tyrosine  
kinase  
substrate*



CODEN: GEDEEP; ISSN: 0890-9369  
ACCESSION NUMBER: 1996:577945 HCAPLUS  
DOCUMENT NUMBER: 125:243562  
TITLE: Dosage-sensitive modifiers of Drosophila abl tyrosine  
kinase function: prospero, a regulator of axonal  
outgrowth, and disabled, a novel tyrosine kinase  
substrate. [Erratum to document cited in CA118:230567]  
AUTHOR(S): Gertler, Frank B.; Hill, Kevin K.; Clark, Michael J.;  
Hoffman, F. Michael  
CORPORATE SOURCE: Mcardle Lab. Cancer Res., Univ. Wisconsin, Madison,  
WI, 53706, USA  
SOURCE: Genes & Development (1996), 10(17), 2234  
CODEN: GEDEEP; ISSN: 0890-9369  
PUBLISHER: Cold Spring Harbor Laboratory Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L5 ANSWER 18 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN  
TI Dosage-sensitive modifiers of Drosophila abl tyrosine kinase function:  
prospero, a regulator of axonal outgrowth, and disabled, a novel tyrosine  
kinase substrate  
SO Genes & Development (1993), 7(3), 441-53  
CODEN: GEDEEP; ISSN: 0890-9369  
ACCESSION NUMBER: 1993:230567 HCAPLUS  
DOCUMENT NUMBER: 118:230567  
TITLE: Dosage-sensitive modifiers of Drosophila abl tyrosine  
kinase function: prospero, a regulator of axonal  
outgrowth, and disabled, a novel tyrosine kinase  
substrate  
AUTHOR(S): Gertler, Frank B.; Hill, Kevin K.; Clark, Michael J.;  
Hoffmann, Michael  
CORPORATE SOURCE: McArdle Lab. Cancer Res., Univ. Wisconsin, Madison,  
WI, 53706, USA  
SOURCE: Genes & Development (1993), 7(3), 441-53  
CODEN: GEDEEP; ISSN: 0890-9369  
DOCUMENT TYPE: Journal  
LANGUAGE: English

=> d his

(FILE 'HOME' ENTERED AT 18:31:34 ON 22 JUL 2006)

FILE 'REGISTRY' ENTERED AT 18:31:58 ON 22 JUL 2006  
E (MURINE DISABLED PROTEIN)  
E MDAB

L1 41 S E3

FILE 'HCAPLUS' ENTERED AT 18:34:11 ON 22 JUL 2006

L2 1022 S L1  
L3 0 S L2 AND NEURONAL  
L4 3 S L2 AND NEURAL  
L5 18 S (DISABLED PROTEIN)

## PALM INTRANET

Day : Saturday  
Date: 7/22/2006  
Time: 17:56:59

## Inventor Name Search Result

Your Search was:

Last Name = COOPER

First Name = JONATHAN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">06153432</a>	D264908	150	05/27/1980	COMBINED CUP DISPENSER AND STRAW HOLDER	COOPER, JONATHAN
<a href="#">06369745</a>	D276296	150	04/19/1982	OUTDOOR TELEPHONE BOOTH	COOPER, JONATHAN
<a href="#">09571375</a>	6393748	150	05/15/2000	SIGN SUPPORT SYSTEM	COOPER, JONATHAN
<a href="#">10181093</a>	Not Issued	161	09/30/2002	Analytical chip	COOPER, JONATHAN
<a href="#">09486293</a>	Not Issued	71	08/22/2000	ISOLATION AND EXPRESSION OF A DISABLED PROTEIN GENE MDABI AND METHODS	COOPER, JONATHAN A
<a href="#">60056473</a>	Not Issued	159	08/21/1997	REQUIREMENT FOR MDAB1 IN NEURONAL POSITIONING	COOPER, JONATHAN A.
<a href="#">09648102</a>	Not Issued	161	08/25/2000	Money transfer system and method with added security features	COOPER, JONATHAN D.
<a href="#">10716637</a>	Not Issued	120	11/18/2003	Money transfer system and method with added security features	COOPER, JONATHAN D.
<a href="#">09606632</a>	Not Issued	161	06/29/2000	Method and apparatus for receiving, recording, and displaying digital media transmissions over a digital broadcast medium	COOPER, JONATHAN H.
<a href="#">09967829</a>	Not Issued	61	09/28/2001	System and method for selecting relevant products to be transparently acquired for a consumer	COOPER, JONATHAN H.
<a href="#">10215375</a>	Not Issued	41	08/07/2002	Characterization of content based on the associated serialized data	COOPER, JONATHAN H.
<a href="#">60715552</a>	Not Issued	20	09/09/2005	Method and system for multicast delivery of multimedia content on demand	COOPER, JONATHAN HILTON
<a href="#">10472911</a>	Not Issued	41	03/18/2004	Synthetic paper	COOPER, JONATHAN JAMES
<a href="#">10943733</a>	Not Issued	41	09/17/2004	Watermarked polymeric sheet and method of making the same	COOPER, JONATHAN JAMES
<a href="#">11445854</a>	Not Issued	19	06/03/2006	Rolling support for piping	COOPER, JONATHAN MALCOM
<a href="#">09787311</a>	Not Issued	161	10/03/2001	Artificial olfactory sensing system	COOPER, JONATHAN MARK

<a href="#">09937518</a>	Not Issued	161	01/25/2002	Assay system	COOPER, JONATHAN MARK
<a href="#">10494168</a>	Not Issued	30	09/29/2004	Microfluidic ser(r)s detection	COOPER, JONATHAN MARK
<a href="#">10503449</a>	Not Issued	30	08/30/2005	Device for performing cell assays	COOPER, JONATHAN MARK
<a href="#">60355163</a>	Not Issued	159	02/08/2002	Device for performing cell assays	COOPER, JONATHAN MARK
<a href="#">60584855</a>	Not Issued	159	07/02/2004	Devices and methods for the correlated analysis of multiple protein or peptide samples	COOPER, JONATHAN S.
<a href="#">11171427</a>	Not Issued	30	07/01/2005	Devices and methods for correlated analysis of multiple protein or peptide samples	COOPER, JONATHAN W.
<a href="#">60472509</a>	Not Issued	159	05/23/2003	Isotachophoresis based selective enrichment of low abundance proteins	COOPER, JONATHAN WILLIAM
<a href="#">60724666</a>	Not Issued	20	10/07/2005	Engineered biological matrices	COOPER, JONATHAN WILLIAM
<a href="#">07664208</a>	<a href="#">5270475</a>	250	03/04/1991	ELECTRONIC MUSIC SYSTEM	COOPERSMITH, JONATHAN
<a href="#">08168267</a>	<a href="#">5408911</a>	250	12/14/1993	MUSICAL INSTRUMENT STRING	COOPERSMITH, JONATHAN
<a href="#">08375017</a>	<a href="#">5567903</a>	250	01/19/1995	TRANSDUCER ASSEMBLY FOR A STRINGED MUSICAL INSTRUMENT	COOPERSMITH, JONATHAN

Inventor Search Completed: No Records to Display.

**Search Another: Inventor**

<b>Last Name</b>	<b>First Name</b>	
<input type="text" value="Cooper"/>	<input type="text" value="Jonathan"/>	<input type="button" value="Search"/>

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Day : Saturday  
Date: 7/22/2006  
Time: 17:58:19

**PALM INTRANET****Inventor Name Search Result**

Your Search was:

Last Name = BRAIN

First Name = HOWELL

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">09486293</a>	Not Issued	71	08/22/2000	ISOLATION AND EXPRESSION OF A DISABLED PROTEIN GENE MDABI AND METHODS	BRAIN, HOWELL W.

**Inventor Search Completed: No Records to Display.**

**Search Another: Inventor**

<b>Last Name</b>	<b>First Name</b>	
<input type="text" value="Brain"/>	<input type="text" value="Howell"/>	<input type="button" value="Search"/>

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